

REMARKS

Favorable reconsideration of this application, in light of the following discussion and in view of the present amendment, is respectfully requested.

Claims 12-15, 17 and 18 were previously withdrawn. Claims 1-18 are pending in the application.

I. Rejection under 35 U.S.C. § 103

In the Office Action, at page 2, claims 1, 11 and 16 were rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 6,594,721 to Sakarda et al. This rejection is respectfully traversed because Sakarda does not suggest:

wherein, while the mobile apparatus body is connected to the mobile apparatus stand,

the mobile apparatus body performs auralization and visualization of at least one A/V (Audio/Video) signal based on at least one input A/V signal and one input body control signal output from the mobile apparatus stand,

the mobile apparatus body outputs at least one stand control signal controlling an operation of the mobile apparatus stand, and

when the mobile apparatus body is disconnected from the mobile apparatus stand, the mobile apparatus body operates as an independent mobile electronic apparatus, and

wherein, while the mobile apparatus stand is connected to the mobile apparatus body,

the mobile apparatus stand outputs both the A/V signal and the body control signal to the mobile apparatus body based on the input stand control signal output from the mobile apparatus body, wherein the A/V signal is reproduced from an A/V storage medium, and the body control signal controls an operation of the mobile apparatus body,

as recited in independent claim 1.

Further, Sakarda does not suggest:

a mobile electronic apparatus...; and

a mobile apparatus stand detachably connectable with the mobile electronic apparatus and comprising a data communication interface, a moving multimedia data storage reproducer, and a controller controlling a digital reproduction of the moving multimedia data and transmission of the digital moving multimedia data to the mobile electronic apparatus for display via the respective data communication interfaces, in response to an input

reproduction command at the mobile electronic apparatus and/or at the mobile apparatus stand;

wherein the mobile apparatus stand is detachably connectable with the mobile electronic apparatus, such that when the mobile electronic apparatus is connected to the mobile apparatus stand, the mobile electronic apparatus operates in conjunction with the mobile apparatus stand, and when the mobile electronic apparatus is disconnected from the mobile apparatus stand, the mobile electronic apparatus operates independently from the mobile apparatus stand,

as recited in independent claim 16.

As a non-limiting example, the present invention as set forth in claim 16, for example, is directed to an apparatus that includes a mobile electronic apparatus and a mobile apparatus stand detachably connectable with the mobile electronic apparatus. The mobile electronic apparatus includes a data communication interface, a display, and a controller. The controller controls moving multimedia data receipt via the data communication interface and drives the display to display the moving multimedia data. The mobile apparatus stand includes a data communication interface, a moving multimedia data storage reproducer, and a controller. The controller of the mobile apparatus stand controls a digital reproduction of the moving multimedia data and transmission of the digital moving multimedia data to the mobile electronic apparatus for display via the respective data communication interfaces, in response to an input reproduction command at the mobile electronic apparatus and/or at the mobile apparatus stand. The mobile apparatus stand is detachably connectable with the mobile electronic apparatus, such that when the mobile electronic apparatus is connected to the mobile apparatus stand, the mobile electronic apparatus operates in conjunction with the mobile apparatus stand. When the mobile electronic apparatus is disconnected from the mobile apparatus stand, the mobile electronic apparatus operates independently from the mobile apparatus stand.

Sakarda discusses a system that allows for insertion and removal of a peripheral device from the bays of a portable computer system. The system 100 includes a portable computer 110 that includes system bays 104-107 for interfacing the computer 110 to various bus devices and a docking bay connector 108a. The system 100 may include a docking station 120, which includes docking bay connector 108b and docking bays 123 and 124 for accommodating additional bus devices. The bays 104-107 in the computer 110 and the bays 123, 124 in docking station 120 each contain an interface that permits a device, such as a hard or floppy disk drive, a CD-ROM device, a memory card, etc. to be connected to or removed from the computer system 100. When the user docks the computer 110 with docking station 120, the

operating system will reconfigure the computer 110 to allow access to any device installed in the docking station 120 at the time of docking.

Sakarda further discusses that PCI-to-PCI bridge 226 couples to PCI Bus 2 through the docking connectors 108a, 108b and the PCI Bus 2 couples to PCI-to-IDE/ATAPI bridge 236, Network Interface Card controller 237 and Cardbus controller 238 (see col. 9, lines 37-41). Sakarda discusses that the PCI-to-IDE/ATAPI bridges 220 and 236 may support peripheral devices, such as CD-ROM, DVD, etc. and that the bridges have drivers that get loaded at system boot. If an insertion change has occurred, configuration manager informs the IDE/ATAPI bridge driver that an insertion has occurred and the driver detects the type of bay device inserted (see col. 12, lines 54-57). The IDE/ATAPI bridge driver updates CMOS locations 5B-5E to indicate the type of device and dock type and clear bit 5 of CMOS location 5E to indicate that the dock/undock event has been enumerated (see col. 15, lines 24-29).

While Sakarda discusses the use of a computer 110 that may be docked to a docking station 120 and that may include bays 123, 124 for connecting to peripheral devices, Sakarda does not discuss or suggest that a mobile apparatus stand includes a controller that controls a digital reproduction of the moving multimedia data and transmission of the multimedia data to the mobile electronic apparatus in response to an input reproduction command. Sakarda merely discusses that the computer 110 can read that peripheral devices have been added to a docking station 120 and discusses that the computer 110 will be reconfigured to allow access to devices installed through bays in the docking station 120.

Sakarda does not, however, suggest that PCI-to-IDE/ATAPI bridge 236 is a controller that controls the digital reproduction and transmission of multimedia data to the mobile electronic apparatus. PCI-to-IDE/ATAPI bridge 236 is merely a bridge that merely allows for the recognition of peripheral devices connected through the bays 123, 124 and allows the peripheral devices to be configured such that the operating system is able to recognize and interface with the peripheral devices. The PCI-to-IDE/ATAPI bridge 236 is not a controller that controls reproduction of moving multimedia data and transmission of the data to the mobile electronic apparatus in response to an input reproduction command.

The docking station 120 in Sakarda does not include a controller that controls the computer 110 to digitally reproduce multimedia data received from the DVD device or CD-ROM device connected to bays 123, 124. The docking station 120 of Sakarda merely allows for the connection of peripheral devices that may be read by a computer 110 separate from the docking station 120. However, Sakarda does not suggest that the docking station 120 includes a

controller that controls the computer to display the multimedia data. No mention is made in Sakarda of the ability of the docking station 120 to control the display in a controller of the docking station 120 to reproduce moving multimedia data on the display.

Further, while a user may be able to input a command through a mouse, Sakarda is completely silent as to a controller in the docking station that controls digital reproduction of moving multimedia data and transmission of the data to the computer 110 in response to an input reproduction command at either the computer 110 or the docking station 120. The computer 110 does not allow for a user-inputted command through the computer 110 that causes a controller in the docking station 120 to control digital reproduction of the data and transmission of the data to the computer 110 for display nor does the docking station 120 allow for a user-inputted command through the docking station 120 that causes a controller in the docking station 120 to control digital reproduction of the data and transmission of the data to the computer 110 for display. An input produced when a user types or clicks a mouse is not an input reproduction command at a mobile electronic apparatus and/or a mobile apparatus stand that causes a controller in the mobile apparatus stand to control digital reproduction of multimedia data and transmission of the data to the mobile electronic apparatus for display, as recited in independent claim 16.

In addition, Sakarda does not suggest that, when a mobile apparatus body is connected to a mobile apparatus stand, the mobile apparatus body performs auralization and visualization of an A/V signal based on at least one input A/V signal and an input body control signal output from the mobile apparatus stand and that the mobile apparatus body outputs at least one stand control signal controlling an operation of the mobile apparatus stand. Sakarda further does not suggest that when a mobile apparatus stand is connected to a mobile apparatus body, the mobile apparatus stand outputs both the A/V signal and the body control signal to the mobile apparatus body based on the input stand control signal output from the mobile apparatus body, as recited in independent claim 1.

Sakarda discusses that the computer 110 is able to read peripheral devices connected through the docking station 120, but does not suggest that the computer 110 performs auralization and visualization of an A/V signal based on an input A/V signal and a body control signal output from the docking station 120 and that the computer 110 outputs a stand control signal controlling operation of the docking station 120. The computer 110 does not output a signal controlling the operation of the docking station 120, nor does the computer 110 perform auralization and visualization of an A/V signal based on the input A/V signal and a body control

signal that is output from the docking station, where the docking station 120 outputs both the A/V signal and the body control signal based on an input stand control signal.

Therefore, as Sakarda does not suggest that "the mobile apparatus body outputs at least one stand control signal controlling an operation of the mobile apparatus stand, and... while the mobile apparatus stand is connected to the mobile apparatus body, the mobile apparatus stand outputs both the A/V signal and the body control signal to the mobile apparatus body based on the input stand control signal output from the mobile apparatus body, wherein the A/V signal is reproduced from an A/V storage medium, and the body control signal controls an operation of the mobile apparatus body," as recited in independent claim 1, and Sakarda does not suggest "a mobile apparatus stand detachably connectable with the mobile electronic apparatus and comprising... a controller controlling a digital reproduction of the moving multimedia data and transmission of the digital moving multimedia data to the mobile electronic apparatus for display via the respective data communication interfaces, in response to an input reproduction command at the mobile electronic apparatus and/or at the mobile apparatus stand," as recited in independent claim 16, claims 1 and 16 patentably distinguish over the reference relied upon. Accordingly, withdrawal of the § 103(a) rejection is respectfully requested.

Claim 11 depends directly from claim 1 and includes all the features of claim 1 plus additional features that are not discussed or suggested by the reference relied upon. Therefore, claim 11 patentably distinguishes over the reference relied upon for at least the reasons noted above. Accordingly, withdrawal of the § 103(a) rejection is respectfully requested.

II. Allowable Subject Matter

Applicants are appreciative of the indication that claims 2-10, which are objected to, would be allowable if rewritten in independent form. Based on the distinctions between independent claim 1 and Sakarda, claims 2-10 have not been rewritten in independent form at this time.

Conclusion

In accordance with the foregoing, claims 1-18 are pending and under consideration.

There being no further outstanding objections or rejections, it is submitted that the application is in condition for allowance. An early action to that effect is courteously solicited.

Finally, if there are any formal matters remaining after this response, the Examiner is requested to telephone the undersigned to attend to these matters.

If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 19-3935.

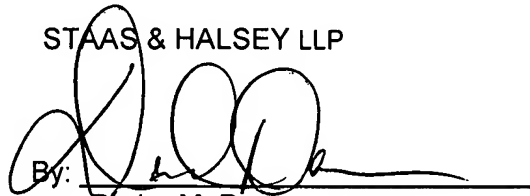
Respectfully submitted,

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